MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

NOVEMBER, 1928

J. A. BROWN, DIRECTOR

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MAR 19 1929

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NOVEMBER 1928
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sunshine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	761.3	760.1	760.6	760.7	27.4	21.9		0.0	
2	0.7	0.3	758.5	759.8	26.8	17.4		7.8	
3	2.2	1.3	762.0	761.8	24.6	18.9		9.8	
4	2.3	1.0	2.0	1.8	24.6	17.6		9.8	
5	3.3	2.4	4.2	3.3	23.6	18.3		9.2	
6	765.3	764.0	765.2	764.8	24.4	17.9		9.5	
7	5.5	3.9	4.2	4.4	24.6	18.9		8.8	
8	3.8	4.9	3.7	4.1	25.2	18.7		1.2	0.38
9	3.9	3.2	4.8	4.0	24.3	18.6		6.6	
10	4.9	4.1	4.3	4.5	27.0	19.1		9.8	
11	763.1	761.3	761.3	761.9	25.1	18.5		9.7	
12	1.1	759.8	0.7	0.5	24.2	18.9		10.0	
13	1.4	760.8	3.9	2.0	24.8	20.0		9.5	
14	1.4	0.8	0.3	0.8	25.8	20.0		8.2	
15	759.3	758.8	759.4	759.2	26.1	20.0		7.8	1.27
16	756.6	758.0	758.0	757.5	28.7	19.9		2.6	7.24
17	7.3	7.2	9.5	8.0	22.7	17.0		7.5	
18	760.3	760.0	761.3	760.5	23.3	17.4		9.4	
19	3.5	2.6	3.4	3.2	23.2	17.4		9.6	
20	2.6	0.3	760 1	1.0	23.0	17.4		2.5	
21	758.5	757.5	759.4	758.5	24.6	14.4		3.4	39.21
22	9.4	9.1	9.7	9 4	21.5	14.2		2.2	31.25
23	.92	7.8	9.9	9.0	18.5	12.4		0.0	68.42
24	764.5	764.7	766.8	765 3	17.2	10.7		8.8	0.51
25	7.5	5.8	6.8	6.7	17.3	13.9		6.7	0.51
26	765.9	764.0	764.4	764.8	19.9	15.4		9.5	
27	2.4	3.9	4.2	3 5	20.7	15.0		8.0	
28	1.8	1.8	3.5	2.4	20.8	16.7		1.5	0.37
29	3.6	2.6	2.9	3.0	21.5	15.6		9.2	
30	2.6	1.2	0.9	1.6	21.3	15.6		9.4	
	762.17	761.44	762.20	761 93	23.42	17 26		6.93	4.97

BAROMETER

Maximum	767.5 on 25th
Minimum	756.6 on 16th

THERMOMETER

Maximum	28.7 on 16th
Minimum	12.4 on 23rd

RAINFALL

Maximum	68.42 on 23rd

Number of days with rain 9, fog 0, thunderstorms 2, gales 0

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Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	23.1	24.2	21.4	22.9	17.4	18.4	18.7	11.5	12.2	141.	12.6	55	54	74	61
2	21.7	24.1	20.0	21.9	16.2	19.7	17.4	10.4	14.0	13.1	12.5	53	63	75	64
3	23.6	23.9	19.7	22.4	17.8	19.4	16.4	11.7	13.8	11.8	12.4	53	62	69	61
4	21.9	22.9	18.9	21.2	15 4	18.2	16 2	9.4	12.6	11.9	11.3	48	60	73	60
5	23.3	23.7	19.9	22.3	17.2	19.7	18.2	11.0	14.2	14.1	13.1	52	66	83	67
6	22.9	23.4	21.3	22.5	15.2	16.9	17.7	8.8	10.7	12.7	10.7	42	50	68	53
7	22.9	24 9	20 4	22.7	18.3	17.9	16.8	12.6	11.2	11.9	11.9	61	49	66	59
8	21.9	21.4	20.4	21.2	16.0	18.6	15.2	10.2	14.0	9 9	11.4	52	74	55	60
9	22.9	26 2	21.4	23 5	18.3	18.9	18.7	12.6	11.8	14.1	12.8	61	47	74	61
10	23.7	23.7	22.1	23.2	17.3	19.6	19.7	11.0	14.1	15.3	13.5	50	65	77	64
11	22.2	23.3	21.9	22.5	18.3	18.3	20.2	13.0	12 5	16.2	13.9	65	58	83	69
12	23.3	23.9	21.3	22.8	16.9	19.7	15 9	10.6	14.1	10 4	11.7	50	64	55	56
13	23.9	24.1	21.8	23 3	17.2	19.7	17.7	10.8	14 0	12.4	12 4	49	63	64	59
14	23.9	24.0	23.0	23.6	19.0	20 3	15 2	13.1	15.0	8.9	12 3	59	67	42	56
15	28.6	26.3	22.3	25.7	17.9	18.9	18.1	10.0	11.7	12.7	11.5	35	45	63	48
16	20.2	21.1	18 9	20.1	19.1	17.9	15.7	15.6	13 2	11.2	13 3	88	70	70	76
17	23 6	22.1	19.0	21.6	15.9	16.6	15.8	9 5	10.8	11.3	10.5	43	55	69	56
18	21.9	21.9	19.3	21.0	16.5	17.3	15.4	10.8	11.8	10 6	11.1	55	60	64	60
19	22.1	22.2	19 2	21.2	16.3	17.4	15.9	10.6	11.8	11.4	11.3	53	59	69	60
20	22 5	23.4	21.3	22.4	16.7	17.5	17.6	10.7	11.4	12.6	11.6	52	54	67	57
21	18 1	19.3	15.6	17.7	15.2	15.3	14.0	11.0	10.6	10.9	10.8	72	63	82	72
22	16.1	15.9	15.0	15.6	14.8	15.1	13.9	11.7	12.3	11.1	11.7	86	91	89	89
23	13.7	12.1	14.2	13.3	12.4	10.8	12.1	10.3	8.9	9.3	9.5	91	85	78	85
24	16.4	17.1	15.1	16.2	10 9	12.3	11.4	7.0	8.1	8.1	7.7	50	56	63	57
25	16.6	19.1	17.1	17.6	13.2	14 7	12.8	9.4	9.9	9.3	9.5	67	61	64	64
26	16.4	19.2	17.4	17.6	13·3	14.2	12.8	9.6	9.3	8.5	9.1	69	56	58	61
27	18.3	20.1	17.4	18.6	13·9	15.4	14.1	9.3	10.3	10.0	9.8	59	57	68	61
28	19.8	20.6	18.2	19 5	15·9	16.9	15.6	11.0	11.9	11.5	11.5	63	66	74	67
29	19.4	20.6	17.6	19.2	14.9	16.9	13.7	10.0	11.9	9.5	10.5	60	66	63	63
30	19.7	23.4	18 9	20.7	16.0	16.9	14 6	11,2	10.7	9.9	10.6	65	50	61	59
	21 15	21.93	19.33	20 80	16.11	17.31	15.92	10.81	11.96	11.49	11.42	58.6	61.2	68.7	62 8

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	8ni	8str.ni	3str.cu	6.3	2s	4	0	120.7	mod.	
2	4ci cu	6ci str.	0	3.3	0	1s	0	312.8	light	st.ni tr.ra.
3	1	2str.	0	1.0	0	0	0	222.3	calm	
4	1	1	0	0.6	0	1	0	75.9	,,	
5	6ci cu	2str.cu	0	2.7	0	1	0	100.4	,,	
6	1	3ci	0	1.0	0	0	0	84.0	,,	
7	1str.	1	0	0.7	0	1	0	36.0	,,	
8	8str.ni	10ni	0	3.0	0	3	0	141.1	light	
9	3str.cu	8ci.ni	0	3.7	1se	2s	0	223.4	mod.	
10	0	0	0	0.0	0	1ne	2n	113.1	light	
11	0	0	0	0.0	0	3n	0	229.1	slight	
12	0	0	0	0.0	0	1ne	0	117.8	calm	par. sol.ecl.
13	0	3ci	0	1.0	0	1ne	0	74.6	,,	
14	8ci	3ci	0	3.7	1s	0	0	121.3	light	
15	1str.cu	8ni	0	3.0	1ne	1ne	3nw	298.2	slight	sirocco
16	10ni	8ni.cu	2	6.7	1s	2s	0	185.5	mod.	
17	3str.cu	10ni	1str.	4.7	0	1s	0	177.6	light	
18	2ci cu	2str.	0	1.3	0	1n	0	52.5	calm	
19	1	1str.	0	0.7	0	1s	1n	92.0	,,	
20	10ni	6str cu	10ni	8.7	2s	4s	3s	224.0	slight	tr. rain
21	8ni	6str.ni	8ni	7.3	8s	6s	3s	394.4	stormy	
22	10ni	10ni	8ni	9.3	3s	4s	2s	314.1	slight	t.l.r.d. & ni.
23	10ni	10ni	10ni	10.0	2s	3se	6s	348.7	rough	t.l.r.d. & ni.
24	3str.cu	2str.ci	9ni	4.7	2	2s	1s	382.0	,,	snow on mts.
25	8ni	3str.ci.	6str.	5.7	3s	1w	2w	127.4	light	
26	1	1	1ci	1.0	0	1ne	0	72.4	calm	
27	3ci str.	1str.cu	4str.cu	2.7	2s	3s	2se	239.4	mod.	
28	8str.ni	10ni.	10ni	9.3	2s	4s	1s	275.2	slight	
29	0	6ci	2ci.cu	2.7	0	2e	0	247.5	mod.	
30	0	1ci	0	0.3	0	0	1e	92.2	calm	
				3.5				183.19		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	0	1	10	1	0	0	17
2:30	2	5	1	1	11	5	1	0	4
8.30	2	0	1	1	6	0	1	1	18
Totals	4	6	2	3	27	6	2	1	39

N. B. — Cloud numbers without letters are all cu..
Wind ,, ,, ,, ,, ,, sw